MACIEJ KOS

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PROFILE

Results-oriented data scientist with a strong background in modeling user behavior. Demonstrated academic and international business experience in contributing to product development by providing actionable insight about customer and patient behavior. Relied on to lead data analysis and user experience teams in critical, time-sensitive projects.

EDUCATION

Northeastern University, Boston, MA Ph.D. in Computer Science, Personal Health Informatics	05/2016 – present
University of Michigan, Ann Arbor, MI Master of Arts in Information Science (incentives-centered design and behavioral research focus)	12/2012
Barcelona Graduate School of Economics, Barcelona, Spain Master of Science in Economics of Science and Innovation	06/2009
University of Gdansk, Sopot, Poland Bachelor and Master of Arts in Economics and E-business	06/2005

RELEVANT EXPERIENCE

Clinical Analytics Research Intern (Cognition) at Philips Research, Cambridge, MA	05/2018 – 09/2018
Research Assistant at College of Computer and Information Science, Northeastern University, Boston, MA	09/2015 – present
Investigator / Research Group Manager, Research Grant: Genetic health risk information avoidance, Sopot, Poland & Boston, MA	07/2013 – present
User Experience and research consultant at Agile Axons (self-employed), Gdynia, Poland and Rome, Italy	01/2013 – 08/2015
Graduate Research Assistant at the School of Information, University of Michigan, Ann Arbor, MI	08/2009 – 01/2012

SKILLS

Software: R ●●●●●, Python ●●●●●, Stata ●●●●●, d3.js/ Tableau ●●●●●, SQL ●●●●●, Office ●●●●●

Machine Learning: Dimensionality reduction, clustering, support vector machines, ridge regression, logistic classification, random forests, regression trees

Statistics: Multilevel univariate and multivariate regression models, structural equation modeling, psychometric modeling

Other: Data visualization, network analysis, UX research and design, AI

Languages: English and Polish; Spanish

SELECTED PROJECTS

- Co-inventor of two clinical informatics technologies (innovation disclosures submitted)
- Child Aid - analyzed data from a large-scale experimental intervention to increase literacy of Guatemalan children
- Digital Breeze - UX lead for consumer-facing mobile application for a large Italian telco (with Ericsson, McKinsey, and Monk Software)
- WearTech - developed a cutting-edge algorithm for improving the accuracy of heart rate variability estimates from wearable devices

SELECTED AWARDS

- **ACM/Intel Corporation Computational and Data Sciences Fellowship, 2017 – 2020**
- Google Online Marketing Challenge Professor - mentored two teams including the top Polish team (both of mentored teams ranked 70-89% worldwide)